

**COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF TELECOMMUNICATIONS AND ENERGY**

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TOWN OF FRAMINGHAM REQUEST FOR)
DETERMINATION OF RATES APPLICABLE TO) **D.T.E. 02-46**
TRANSPORTATION AND TREATMENT OF SEWAGE)
PURSUANT TO INTERMUNICIPAL AGREEMENT)
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**TOWN OF ASHLAND'S RESPONSE TO
THE DEPARTMENT'S SECOND, THIRD AND FOURTH
RECORD REQUESTS**

The Town of Ashland ("") responds to the DTE's seventh record request as follows.

Record Request No. 7 (September 23, 2003, Tra. at 676)

The maximum flow capacity of the pumps at Chestnut Street station.

Response to Record Request No. 7

We do not have information regarding the actual maximum pumping capacity of Chestnut Street Pumping Station because maximum pumping capacity depends on the number and combination of pumps that are operating. The Pumping Station has four (4) pumps with the following capacity based on individual pump tests: Pump 1 - 1,590 GPM, Pump 2 - 1,599 GPM, Pump 3 - 1,551 GPM, and Pump 4 - 1,545 GPM. Note that one cannot achieve the actual maximum pumping capacity by simply adding the capacities of the various combinations. This is because two or more pumps operating in concert operate at a higher head than does one pump individually, thus pumping at a lesser rate. This is due to the greater velocity and friction loss in the pump station piping and fittings and in the force main. There is no apparent information available that suggests that any pump tests were performed to determine pumping capacities with various combinations of pumps operating.

Respectfully submitted by
The Town of Ashland by its attorneys,

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Dated:_____

CERTIFICATE OF SERVICE

I Maureen P. Hogan, hereby certify that on this ____ day of September 2003, I served the foregoing by mailing a copy first class, postage prepaid, to:

Christopher J. Petrini, Esq.
Erin K. Higgins, Esq.
Conn Kavanaugh, et al.
Ten Post Office Square
Boston, MA 02109

Maureen P. Hogan

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